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## (54) RUST-PREVENTIVE PRESS OIL

## (57)Abstract:

PURPOSE: To provide a rust-preventive press oil for surface-treated steel sheets which suffices when it is applied once on delivery as rust-preventive oil to a surface-treated steel sheet and excels in cleaning and degreasing performances in pretreatment before coating.

CONSTITUTION: A base oil is mixed with 1-5 pts.wt. pressability improving aid selected from the group consisting of alkali metal salts of alkyl acidic phosphates and alkaline earth metal salts of alkyl acidic phosphates, 0.01-1 pt.wt. oil stain preventive selected from the group consisting of an alkyl-benzotriazole and an arylbenzotriazole, 5-50 pts.wt. rust preventive selected from the group consisting of alkali metal salts of overbased alkylsulfonic acids and alkaline earth metal salts of overbased alkylsulfonic acids and 1-10 pts.wt. solid lubricant selected from the group consisting of alkali metal carbonates and oxides and alkaline earth metal carbonates and oxides mainly consisting of 1μm or smaller particles, and the viscosity (at 40° C) of the obtained mixture is adjusted to 5-40cSt.

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